IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ito et al.

Appl. No.: 10/599,071 Conf. No.: 3798

Filed: September 19, 2006

Title: STIMULI-RESPONSIVE HYDROGEL, PRODUCTION METHOD OF

STIMULI-RESPONSIVE HYDROGEL, AND POLYMER ACTUATOR USING

STIMULI-RESPONSIVE HYDROGEL

Art Unit: 1796

Examiner: Darcy D. LaClair Docket No.: 3712174-00608

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the final Office Action dated October 18, 2010, please amend the aboveidentified patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.